

IN THE CLAIMS

Please amend the application as follows:

1. A two-piece golf ball comprising

a core having a compression in the range of about 75
PGA to about 89 PGA;

a cover having a Shore D hardness in the range of
about 42 Shore D to about 60 Shore D;

A1 an outer surface divided into a plurality of polygonal
configurations, which include polar triangles; and,

a plurality of dimples comprising sets of dimples
having different diameters arranged on the outer surface,
wherein the polar triangles only contain dimples from one
set.

20. A two-piece golf ball comprising:

a core having a compression in the range of about 68
PGA to about 78 PGA;

a cover having a Shore D hardness in the range of
about 42 Shore D to about 60 Shore D; and

A2 an outer surface divided into a plurality of polygonal
configurations, which include triangles; and,

at least 392 dimples arranged on the outer surface,
with a first pattern of dimples associated with each

A2 triangle, a second pattern of dimples associated with each triangle, wherein said dimples are essentially circular with each one of said dimples having a size defined by a diameter in the range of about 0.13 inches to about 0.15 inches, and a depth in the range of about 0.0025 inches to about 0.125 inches.

23. The two-piece golf ball of claim 20 wherein the plurality of polygonal configurations, which includes triangles has polar triangles and equatorial triangles.

24. The two-piece golf ball of claim 23 further comprising:

A3 a first pattern of dimples associated with each polar triangle having dimples from only one set, wherein the at least 392 dimples are selected from sets of dimples with different diameters arranged on the outer surface.

25. The two-piece golf ball of claim 23 further comprising:

a second pattern of dimples associated with each equatorial triangle having dimples from all sets, wherein the at least 392 dimples are selected from sets of dimples with different diameters arranged on the outer surface.

26. A two-piece golf ball comprising

a core having a compression in the range of about 75
PGA to about 82 PGA;

a cover having a Shore D hardness in the range of
about 42 Shore D to about 60 Shore D;

27. an outer surface divided into a plurality of polygonal
configurations, which include polar triangles; and,

a plurality of dimples comprising sets of dimples
having different diameters arranged on the outer surface,
wherein the polar triangles only contain dimples from one
set.
